

REMARKS/ARGUMENTS

The Applicants originally submitted Claims 1-27 in the application. Of these original Claims, the Examiner has indicated that Claims 15-27 are allowed. The Applicants have not amended, canceled or added any other Claims. Accordingly, Claims 1-27 are currently pending in the application.

I. Formal Matters and Objections

The Examiner has objected to the specification as containing informalities. More specifically, the Examiner has objected to the specification stating the selection stage 410 is coupled to an oscillator TG1 while FIGURE 4 shows the oscillator TG1 is coupled to the front end 401. (Examiner's Action, page 2). In response, the Applicants have amended the specification to indicate the oscillator TG1 is coupled to the front end 401 including the selection stage 410. Accordingly, the Applicants respectfully request the Examiner to remove this objection.

II. Rejection of Claims 1-14 under 35 U.S.C. §102

The Examiner has rejected Claims 1-14 under 35 U.S.C. §102(b) as being anticipated by U.S. Patent No. 6,208,671 to Paulos, *et al.* (Paulos). The Applicants respectfully disagree since Paulos does not teach resampling at least a portion of a receive signal propagating along a receive path couplable to an oscillator of a bit pump including generating a plurality of intermediate samples and selecting one of the plurality of intermediate samples thereby providing an output sample that corresponds to a phase of the oscillator. (Claims 1 and 8).

Paulos is directed to a sample rate converter. (Column 1, lines 6-7). The rate converter includes a resampler that includes a linear interpolator, a rate estimator and noise shaping quantizer. (Column 8, lines 39-41 and Figures 3 & 5). The resampler, however, does not select one of a plurality of intermediate samples to provide an output sample that corresponds to a phase of an oscillator as recited in Claims 1 and 8. Instead of selecting, the interpolator of the Paulos resampler calculates, as represented by equation 2, the output signal C. (Column 8, lines 44-63). Additionally, the Paulos resampler is not coupled to an oscillator as recited in Claims 1 and 8. On the contrary, the Paulos resampler **includes** a rate estimator that generates an estimate of a sampling rate. (Column 10, lines 15-23 and Figures 5 and 8). Thus, Paulos does not teach each and every element of independent Claims 1 and 8.

Therefore, Paulos does not disclose each and every element of the claimed invention and as such, is not an anticipating reference. Because Claims 2-7 and 9-14 are dependent upon independent Claims 1 and 8, Paulos also cannot be an anticipating reference for these Claims. Accordingly, the Applicants respectfully request the Examiner to withdraw the §102 rejection with respect to Claims 1-14.

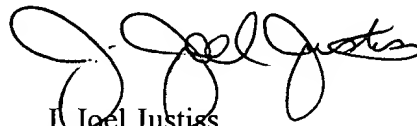
III. Conclusion

The Examiner has already allowed Claims 15-27. In view of the foregoing remarks, the Applicants see all of the Claims currently pending in this application to be in condition for allowance and therefore earnestly solicit a Notice of Allowance for all of the pending Claims 1-27.

The Applicants request the Examiner to telephone the undersigned attorney of record at (972) 480-8800 if such would further or expedite the prosecution of the present application.

Respectfully submitted,

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